

APPLICATION FOR FINANCIAL ASSISTANCE
Revised 4/99

IMPORTANT: Please consult the "Instructions for Completing the Project Application" for assistance in completion of this form.

SUBDIVISION: City of Cincinnati CODE# 061- 15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9/9/2009

CONTACT: Ms. Becky Calder, P.E. PHONE # (513) 591-7857

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 591-7878 E-MAIL becky.calder@gcww.cincinnati-oh.gov

PROJECT NAME: Countywide Water Main Improvements 2010

SUBDIVISION TYPE

(Check Only 1)

- ☐ 1. County
☒ 2. City
☐ 3. Township
☐ 4. Village
☐ 5. Water/Sanitary District
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☐ 1. Grant \$
☐ 2. Loan \$
☒ X3. Loan Assistance \$ 684,990.00

PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road
☐ 2. Bridge/Culvert
☒ X3. Water Supply
☐ 4. Wastewater
☐ 5. Solid Waste
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 684,990.00 FUNDING REQUESTED: \$ 684,990.00

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ _____ LOAN ASSISTANCE: \$ 684,990
SCIP LOAN: \$ _____ RATE: _____ % TERM: _____ yrs.
RLP LOAN: \$ _____ RATE: _____ % TERM: _____ yrs.

(Check Only 1)

- ☒ State Capital Improvement Program ☐ Small Government Program
☐ Local Transportation Improvements Program

2009 SEP 10 PM 12:50
OFFICE OF NEW BURLINGTON
COUNTY ENGINEER

FOR OPWC USE ONLY

PROJECT NUMBER: C _____ /C _____
Local Participation _____ %
OPWC Participation _____ %
Project Release Date: ____/____/____
OPWC Approval: _____

APPROVED FUNDING: \$ _____
Loan Interest Rate: _____ %
Loan Term: _____ years
Maturity Date: _____
Date Approved: ____/____/____
SCIP Loan _____ RLP Loan _____

1.0 PROJECT FINANCIAL INFORMATION

1.1	PROJECT ESTIMATED COSTS: (Round to Nearest Dollar)	TOTAL DOLLARS	FORCE ACCOUNT DOLLARS
a.)	Basic Engineering Services:	\$ _____ .00	
	Preliminary Design	\$ _____ . 00	
	Final Design	\$ _____ . 00	
	Bidding	\$ _____ . 00	
	Construction Phase	\$ _____ . 00	
	Additional Engineering Services *Identify services and costs below.	\$ _____ .00	
b.)	Acquisition Expenses: Land and/or Right-of-Way	\$ _____ .00	
c.)	Construction Costs:	\$ _____ .00	
d.)	Equipment Purchased Directly:	\$ _____ .00	
e.)	Permits, Advertising, Legal: (Or Interest Costs for Loan Assistance Applications Only)	\$ <u>684,990 .00</u>	
f.)	Construction Contingencies:	\$ _____ .00	
g.)	TOTAL ESTIMATED COSTS:	\$ <u>684,990 .00</u>	

*List Additional Engineering Services here:
Service: Cost:

1.2 PROJECT FINANCIAL RESOURCES:
(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ <u>.00</u>	
b.) Local Revenues	\$ <u>684,990.00</u>	<u> </u>
c.) Other Public Revenues	\$ <u>.00</u>	
ODOT	\$ <u>.00</u>	
Rural Development	\$ <u>.00</u>	
OEPA	\$ <u>.00</u>	
OWDA	\$ <u>.00</u>	
CDBG	\$ <u>.00</u>	
OTHER <u> </u>	\$ <u>.00</u>	
SUBTOTAL LOCAL RESOURCES:	\$ <u>684,990.00</u>	<u> </u>
d.) OPWC Funds		
1. Grant	\$ <u>.00</u>	
2. Loan	\$ <u>.00</u>	
3. Loan Assistance	\$ <u>684,990.00</u>	
SUBTOTAL OPWC RESOURCES:	\$ <u>684,990.00</u>	<u> </u>
e.) TOTAL FINANCIAL RESOURCES:	\$ <u>684,990.00</u>	<u>100%</u>

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# Sale Date:
STATUS: (Check one).
 Traditional
 Local Planning Agency (LPA)
 State Infrastructure Bank

2.0 PROJECT INFORMATION
If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: Countywide Water Main Improvements 2010

2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):
A: SPECIFIC LOCATION:

This project requests reimbursement for 2010 and 2011 interest on bonds sold to finance the Greater Cincinnati Water Works (GCWW) water main replacement projects. This project involves repayment of the prorated interest for the GCWW Capital Program for the of 10 water main replacement projects (48 water mains) located throughout Hamilton County. The water main replacements are located at various locations throughout Hamilton County. See attached map for locations of the water mains that make up the projects.

B: PROJECT COMPONENTS: PROJECT ZIP CODE: Varies

This project includes the replacement of 48 water mains. This work includes the installations of water mains, water branches, fire hydrants, valves and chambers in the right of way. The work also includes the disinfection and pressure testing of the water main.

C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

The project involves installing various lengths of water mains ranging in size from 6” to 12” diameter pipes.

D: DESIGN SERVICE CAPACITY:
Detail current service capacity vs. proposed service level.

Road or Bridge: Current ADT _____ Year: _____ Projected ADT: _____ Year:

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$_____ Proposed Rate: \$

Stormwater: Number of households served:

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 75 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$ <u>684,990.00</u>
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TOTAL PORTION OF PROJECT NEW/EXPANSION	\$ <u>0.00</u>
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4.0 PROJECT SCHEDULE: *

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>Completed</u>	<u>Completed</u>
4.2 Bid Advertisement and Award:	<u>Completed</u>	<u>Completed</u>
4.3 Construction:	<u>1/ 1/2010</u>	<u>12/31/2010</u>
4.4 Right-of-Way/Land Acquisition:	<u>NA</u>	<u>NA</u>

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

5.0 APPLICANT INFORMATION:**5.1 CHIEF EXECUTIVE**

OFFICER	<u>David Holmes</u>
TITLE	<u>Assistant City Manager</u>
STREET	<u>City Hall, Room 104</u>

CITY/ZIP	<u>Cincinnati, Ohio 45202</u>
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PHONE	<u>(513) 352-5368</u>
FAX	<u>(513) 352-2458</u>
E-MAIL	

5.2 CHIEF FINANCIAL

OFFICER	<u>Joseph Gray</u>
TITLE	<u>Finance Director</u>
STREET	<u>City Hall, Room 250</u>

CITY/ZIP	<u>Cincinnati, Ohio 45202</u>
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PHONE	<u>(513) 352-5372</u>
FAX	<u>(513) 352-1520</u>
E-MAIL	

5.3 PROJECT MANAGER

TITLE	<u>Steve Hellman</u>
STREET	<u>Superintendent of Business Services</u>
	<u>4747 Spring Grove Avenue</u>

CITY/ZIP	<u>Cincinnati, Ohio 45232</u>
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PHONE	<u>(513) 591-7965</u>
FAX	<u>(513) 591-7867</u>
E-MAIL	

Changes in Project Officials must be submitted in writing from the CEO.

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [] below that each item listed is attached.

- [] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- [X] A certification signed by the applicant’s chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- [X] A registered professional engineer’s detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer’s original seal or stamp and signature.
- [NA] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- [NA] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor’s Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- [] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)
- [X] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

David Holmes, Assistant City Manager
Scott C. Stiles, Asst. City Mgr.

Certifying Representative (Type or Print Name and Title)

W.A.C. 8/31/09
Signature/Date Signed



**Greater Cincinnati
Water Works**
The Standard for Excellence

4747 Spring Grove Avenue
Cincinnati, Ohio 45232-1986
513-591-7890 **Phone**
513-591-7967 **Fax**

David E. Rager
Director

Carel Vandermeiden
Chief Engineer

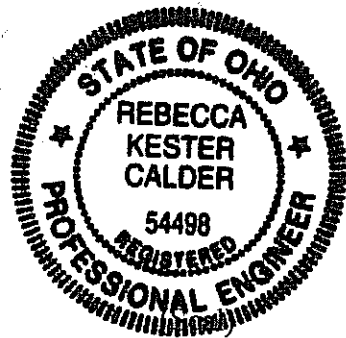
Customer Service
513-591-7700
513-591-7730 **TDD**

Emergency Service
513-591-7700
513-591-7905 **TDD**

September 9, 2009

Subject: Countywide Water Main Improvements 2010
Certification of Useful Life

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that
the design useful life of the subject water main projects is at least seventy-five (75) years.



Rebecca K Calder

Rebecca Kester Calder, P.E.
Supervising Engineer
City of Cincinnati
Greater Cincinnati Water Works



Status of Funds Certification for Countywide Water Main Improvements 2010

**Greater Cincinnati
Water Works**
The Standard for Excellence

4747 Spring Grove Avenue
Cincinnati, Ohio 45232-1986
513-591-7890 **Phone**
513-591-7967 **Fax**

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Director

Carel Vandermeijden
Chief Engineer

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513-591-7700
513-591-7730 **TDD**

Emergency Service
513-591-7700
513-591-7905 **TDD**

September 9, 2009

This project requests a credit enhancement of \$684,990 to reimburse the City of Cincinnati, Greater Cincinnati Water Works (GCWW) for a portion of the bond interest for capital water main replacement projects constructed in 2010 and 2011.

In July 2009, the City of Cincinnati, for its Greater Cincinnati Water Works, issued revenue bonds totaling \$136,030,000 to finance a portion of the Water Works' capital improvement program. The capital improvement program includes projects for technology, plant facilities, water mains and other related expenses. A portion of the bond sale will finance various water main projects. These water mains are included in the application for Countywide Water Main Improvements 2010. This project includes 10 water main replacement projects.

The GCWW expects to spend nearly twenty million dollars in 2010 on various water main projects financed from the 2009 bond sale. The interest payment on the bond sale is \$7,542,614 for 2010 and \$7,372,664 for 2011. Prorating the interest payments (for the water main replacement projects) provides an eligible interest cost of over \$684,990 for 2010 and 2011.

A handwritten signature in black ink, appearing to read 'J.C. Hill', is written over a horizontal line.

Chief Financial Officer
Greater Cincinnati Water Works

2.2.4 Service Level Population

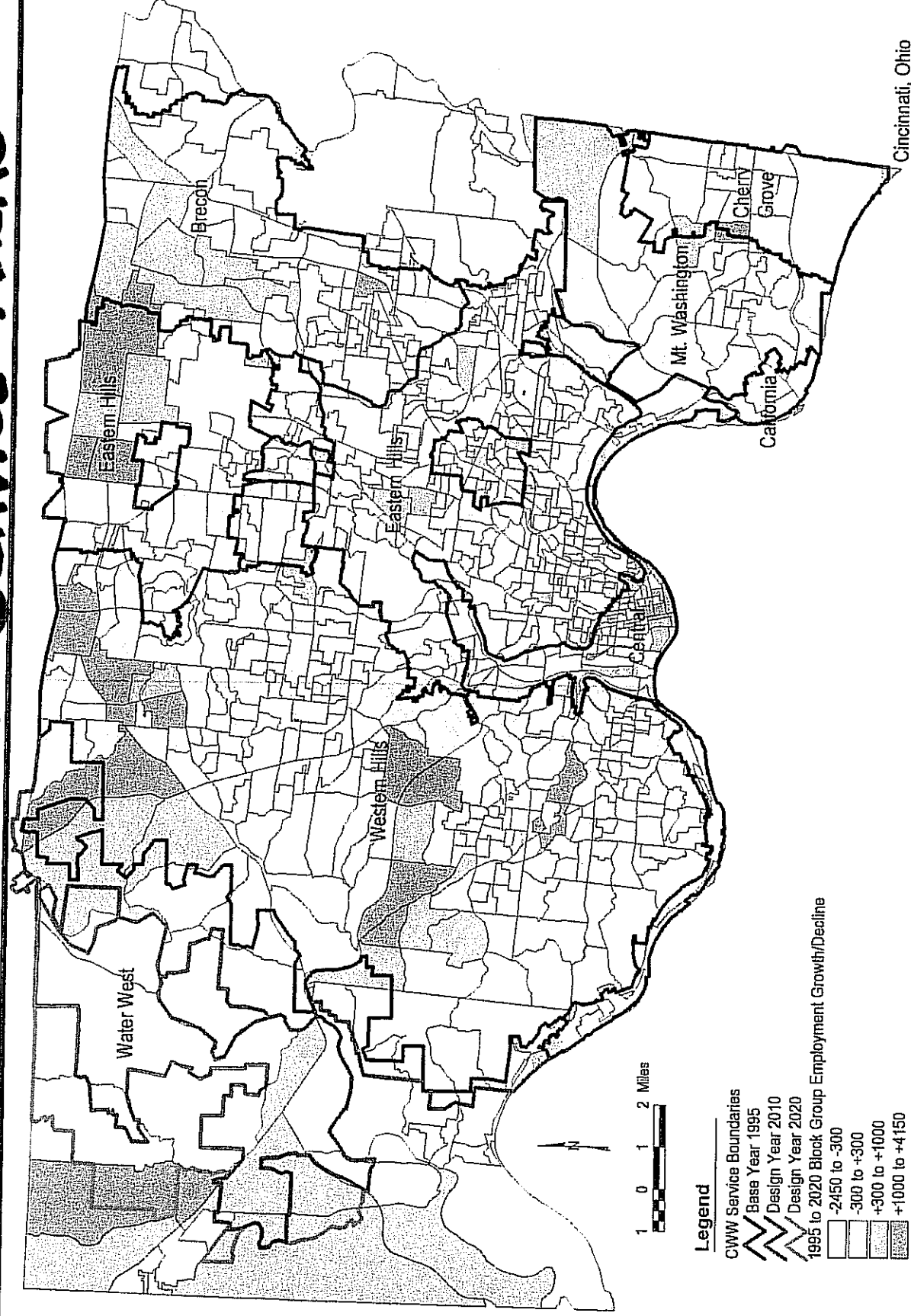
Population served by service level is given in Table 2-4 and shown on Figure 2-9. The service level populations include all retail and wholesale customers in the Primary and Secondary Study Areas except the BFWC service area. Table 2-4 also includes the service level population located specifically within the Primary Study Area (Hamilton County).

Table 2-4 Population Served by Service Level							
Service Level	Population Served ⁽¹⁾						
	Year						
	1960	1970	1980	1990	1995	2010	2020
Central ⁽³⁾	123,254	69,201	53,375	50,258	48,700	47,350	46,960
Western Hills	232,329	326,559	347,872	341,611	338,480	355,320	372,960
Eastern Hills	397,665	410,702	350,177	336,226	329,250 322,890 ⁽²⁾	376,930 310,310 ⁽²⁾	410,000 309,100 ⁽²⁾
Brecon	7,815	7,941	14,535	32,372	41,290 40,970 ⁽²⁾	101,200 43,730 ⁽²⁾	147,680 47,360 ⁽²⁾
Mt. Washington	21,466	29,000	30,854	33,391	34,660	35,160	36,500
Cherry Grove	5,401	10,915	17,335	20,565	22,180 21,900 ⁽²⁾	22,050 21,770 ⁽²⁾	23,530 23,250 ⁽²⁾
California	995	825	495	658	740	760	770
Water West	-	-	-	-	450	10,540 9,460 ⁽²⁾	17,200 16,120 ⁽²⁾
Total	788,925	855,143	814,643	815,081	815,750 808,790 ⁽²⁾	949,310 823,860 ⁽²⁾	1,055,600 853,020 ⁽²⁾
⁽¹⁾ Includes Total Study Area retail and wholesale customers. ⁽²⁾ Service level population residing within Primary Study Area (Hamilton County). ⁽³⁾ Boone-Florence Water Commission population not included.							



GCWW SERVICE AREAS

D:\Projects\26765\Active2\Report\Tcl49.apx LaBelle 8/31/99



- Legend**
- CWW Service Boundaries
 - Base Year 1995
 - Design Year 2010
 - Design Year 2020
 - 1995 to 2020 Block Group Employment Growth/Decline
 - 2450 to -300
 - 300 to +300
 - +300 to +1000
 - +1000 to +4150

 **BLACK & VEATCH**

Cincinnati, Ohio
Water Master Plan - 1999
1995 to 2020 Hamilton County
Block Group Employment Growth/Decline

Figure 2-8

City of Cincinnati
An Ordinance No. 446

DWA / B
JPC / RAK
-2008

AMENDING Section 401-76, Service Charges, Section 401-77, Water Commodity Charges, Section 401-78, Charges for Fire Protection Services, and Section 401-81, Charges to Political Subdivisions, of the Cincinnati Municipal Code for the purpose of revising the rates for water service furnished by the Greater Cincinnati Water Works.

WHEREAS, the City administration has recommended to Council that a five and nine tenths percent (5.9%) increase in water revenues is required to meet current capital and operating needs of the water works system from the effective date of this ordinance; and

WHEREAS, after a five and nine tenths percent (5.9%) increase in revenues, Cincinnati's rates will remain substantially below industry averages, and Council is of the opinion that a five and nine tenths percent (5.9%) increase in general water revenues is necessary and appropriate; and

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That Section 401-76, Service Charges, is hereby repealed and reordained as follows:

Sec. 401-76. Service Charges.

Each water supply service shall be subject to a service charge. The service charge shall be based on the size of the water meter.

This section shall apply to each water meter used, but shall not apply to water supply services subject to Section 401-81 or Section 401-82.

For the availability of water service, the Service Charge rates shall be as follows:

Meter Size (Inches)	Inside Cincinnati		Incorporated Hamilton and Clermont Counties		Unincorporated Hamilton County		Butler & Warren Counties	
	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly
5/8	\$7.44	\$9.88	\$9.30	\$12.35	\$10.04	\$13.34	\$10.70	\$14.20
¾	9.05	17.62	11.31	22.03	12.22	23.79	13.01	25.33
1	11.56	23.07	14.45	28.84	15.61	31.14	16.62	33.17
1-1/2	15.10	35.92	18.88	44.90	20.39	48.49	21.71	51.64
2	19.27	50.46	24.09	63.08	26.01	68.12	27.70	72.54
3	42.24	116.52	52.80	145.65	57.02	157.30	60.72	167.50
4	80.90	203.05	101.13	253.81	109.22	274.12	116.30	291.88
6	162.18	398.30	202.73	497.88	218.94	537.71	233.14	572.56
8	236.81	593.57	296.01	741.96	319.69	801.32	340.41	853.25
10	331.36	804.41	414.20	1,005.51	447.34	1,085.95	476.33	1,156.34
12	396.22	946.53	495.28	1,183.16	534.90	1,277.82	569.57	1,360.63

Section 2. That Section 401-77, Water Commodity Charges, is hereby repealed and reordained as follows:

Sec. 401-77. Water Commodity Charges.

For water used, the water commodity charge rates per 100 cubic feet (Ccf) used shall be as follows:

			Incorporated		Butler &
		Inside	Hamilton &	Unincorporated	Warren
Per Month	Per Quarter	Cincinnati	Clermont Counties	Hamilton County	Counties
First 20 Ccf	First 60 Ccf	\$1.89	\$2.36	\$2.55	\$2.71
Next 580 Ccf	Next 1740 Ccf	1.50	1.88	2.03	2.16
Over 600 Ccf	Over 1800 Ccf	1.33	1.66	1.80	1.91

Section 3. That Section 401-78, Charges for Fire Protection Services, is hereby repealed and reordained as follows:

Sec. 401-78. Charges for Fire Protection Services.

Each fire protection service serving a private premises shall be subject to a service charge based on the size of the service branch at the water main. This section shall not apply to fire protection services subject to Sections 401-82 and 401-83.

The fire protection service charge rates per month and per quarter shall be as follows:

Branch			Incorporated Hamilton		Unincorporated		Butler & Warren	
	Inside Cincinnati		and Clermont Counties		Hamilton County		Counties	
Size (Inches)	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly
2" & Under	\$11.18	\$33.14	\$13.98	\$41.43	\$15.09	\$44.74	\$16.08	\$47.64
3	14.36	42.53	17.95	53.16	19.39	57.42	20.64	61.13
4	16.98	50.94	21.23	63.68	22.92	68.77	24.41	73.23
6	39.20	117.21	49.00	146.51	52.92	158.23	56.35	168.49
8	55.36	166.07	69.20	207.59	74.74	224.19	79.58	238.73
10	66.82	200.17	83.53	250.21	90.21	270.23	96.06	287.74

Section 4. That Section 401-81, Charges for Fire Protection Services, is hereby repealed and reordained as follows:

Sec. 401-81. Charges to Political Subdivisions.

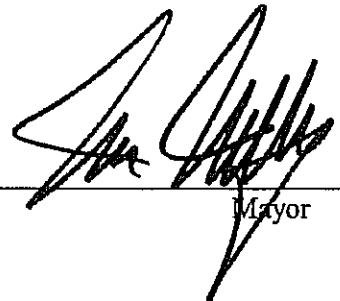
The water commodity charge rates per hundred cubic feet for water used by political subdivisions, other than those whose contracts with the City of Cincinnati specify rates, shall be \$1.88 between November 1 and April 30 and \$2.36 between May 1 and October 31. There shall be no service charges.

Section 5. That the rates established by this ordinance for the year 2009 shall apply to billed charges beginning 30 days after passage of this ordinance. Charges will be prorated on the basis of the number of calendar days from the effective date. Monthly billed charges payable after 30 calendar days and quarterly billed charges payable after 91 calendar days following the effective date shall be calculated entirely at the amended rates.

Section 6. That the proper City officials are authorized to carry out the terms of this ordinance.

Section 7. That this ordinance shall be in full force and take effect from and after the earliest period allowed by law.

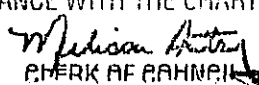
Passed: December 17, 2008



Mayor

Attest: 

Clerk

HEREBY FILED FOR RECORD NO. 446-08
WAS PUBLISHED IN THE CITY BULLETIN
IN ACCORDANCE WITH THE CHARTER ON 12-30-08

CLERK OF BOARD

In the opinion of Peck, Shaffer & Williams LLP, Bond Counsel with respect to the Series 2009A Bonds, under existing law (i) interest on such Series 2009A Bonds will be excludible from gross income of the holders thereof for purposes of federal income taxation, (ii) interest on the Series 2009A Bonds will not be a specific item of tax preference for purposes of the federal alternative minimum tax imposed on individuals and corporations, (iii) interest on such Series 2009A Bonds is not includable in determining adjusted current earnings for purposes of the federal alternative minimum tax imposed on corporations, and (iv) the interest on the Series 2009A Bonds is exempt from taxes levied by the State of Ohio and its subdivisions, including the Ohio personal income tax and also excludible from the net income base used in calculating the Ohio corporate franchise tax, all subject to the qualifications described herein under the heading "TAX MATTERS," and Section 265 of the Code, with respect to investment by certain financial institutions does not apply to such Series 2009A Bonds. In the opinion of Peck, Shaffer & Williams LLP, Bond Counsel with respect to the Series 2009B Bonds, under existing law (i) interest on such Series 2009B Bonds will be included in gross income of the holders thereof for purposes of federal income taxation and (ii) the interest on the Series 2009B Bonds is exempt from taxes levied by the State of Ohio and its subdivisions, including the Ohio personal income tax and also excludible from the net income base used in calculating the Ohio corporate franchise tax, all subject to the qualifications described herein under the headings "TAX MATTERS" and such Series 2009B Bonds are not "qualified tax-exempt obligations" with respect to investments by certain financial institutions under Section 265 of the Code.

OFFICIAL STATEMENT
Relating to the Original Issuance of
\$136,030,000

CITY OF CINCINNATI, OHIO
WATER SYSTEM REVENUE AND REFUNDING REVENUE BONDS

\$58,095,000
Series 2009A
(Tax-Exempt)

\$77,935,000
Series 2009B
(Federally Taxable – Build America Bonds)

Dated: Date of Delivery

Due: December 1, as shown below

The captioned Series 2009A Bonds and Series 2009B Bonds (together, the Series 2009 Bonds) will be issued only as fully registered bonds and initially will be registered solely in the name of Cede & Co., as nominee for The Depository Trust Company, New York, New York (DTC). Purchases of book entry interests in the Series 2009A Bonds (without any right to receive certificates) will be made in denominations of \$5,000 and any integral multiples thereof. Purchases of book entry interests in the Series 2009B Bonds (without any right to receive certificates) will be made in denominations of \$1,000 and any integral multiples thereof. See **TRUST AGREEMENT – Book Entry Method**. Interest on the Series 2009 Bonds is payable on June 1 and December 1 of each year, commencing December 1, 2009. Principal of the Series 2009 Bonds is payable at the Cincinnati, Ohio corporate trust office of The Bank of New York Mellon Trust Company, N.A., as Trustee and Paying Agent. So long as DTC or its nominee is the registered owner of the Series 2009 Bonds, payments of all Bond Service Charges on the Series 2009 Bonds will be made directly to DTC, without cost except for any taxes or other governmental charges. See **TRUST AGREEMENT – Book Entry Method**.

The Series 2009 Bonds are being issued by the City of Cincinnati, Ohio (the City) for the purpose of (i) paying a portion of the cost of the Greater Cincinnati Water Works (the Utility) Capital Improvement Program, (ii) refunding Outstanding Bonds previously issued by the City for the purpose of paying a portion of the cost of the Utility Capital Improvement Program, (iii) funding certain reserves and (iv) paying the costs of issuance. See **SERIES 2009 BONDS – Authorization and Purpose**.

The Series 2009 Bonds will be secured by a Master Trust Agreement dated as of March 1, 2001 between the Trustee and the City, as amended, including by an Eighth Supplemental Trust Agreement dated as of the date of the Series 2009 Bonds between the Trustee and the City (together, the Trust Agreement). The Trust Agreement will secure the Series 2009 Bonds on a parity with the Series 2001 Bonds, the Series 2003 Bonds, the Series 2005A Bonds, the Series 2007A Bonds, the Series 2007B Bonds and any future Additional Bonds by a pledge of the Net Revenues of the Utility and of the Special Funds.

Terms used, but not defined, in this Official Statement are used as defined in the Trust Agreement. See **APPENDIX A – Summary of Certain Definitions Used in the Trust Agreement**.

THE SERIES 2009 BONDS ARE NOT GENERAL OBLIGATIONS, BUT ARE SPECIAL OBLIGATIONS OF THE CITY, PAYABLE SOLELY FROM THE NET REVENUES OF ITS UTILITY AND THE SPECIAL FUNDS CREATED UNDER THE MASTER TRUST AGREEMENT, AND NEITHER THE GENERAL CREDIT NOR TAXING POWER OF THE CITY OR OF THE STATE OF OHIO OR ANY POLITICAL SUBDIVISION THEREOF IS PLEDGED TO PAYMENT OF THE PRINCIPAL OF, PREMIUM, IF ANY, OR INTEREST ON THE SERIES 2009 BONDS.

The Series 2009 Bonds are subject to redemption prior to maturity as described herein.

The Series 2009 Bonds are offered when, as and if issued and received by the Underwriters, subject to prior sale and to withdrawal or modification of the offer without notice. Certain legal matters relating to the issuance of the Series 2009 Bonds will be subject to the approving legal opinion of Peck, Shaffer & Williams LLP, Bond Counsel (See **LEGAL OPINION** and **TAX MATTERS**). Stifel, Nicolaus & Co., Inc. has acted as Financial Advisor to the City in connection with the issuance of the Series 2009 Bonds. Certain matters will be passed upon for the City by the City Solicitor, John P. Curp, and for the Underwriters by Squire, Sanders & Dempsey L.L.P. The Series 2009 Bonds are expected to be available for delivery in definitive form in New York, New York on or about August 4, 2009.

MORGAN STANLEY
FIFTH THIRD SECURITIES, INC. PNC CAPITAL MARKETS LLC RBC CAPITAL MARKETS

The date of this Official Statement is July 22, 2009 and information contained herein speaks only as of that date.

BOND SUMMARY STATISTICS
CITY OF CINCINNATI, OHIO
WATER SYSTEM REVENUE AND REVENUE REFUNDING BONDS
Series 2009A (Tax-Exempt)
2009B (Federally Taxable - Build America Bonds)
FINAL VERIFIED CASHFLOWS

Dated Date	08/04/2009
Delivery Date	08/04/2009
Last Maturity	12/01/2034
Arbitrage Yield	2.758399%
True Interest Cost (TIC)	3.780482%
Net Interest Cost (NIC)	5.598930%
All-In TIC	3.818674%
Average Coupon	5.899482%
Average Life (years)	14.630
Duration of Issue (years)	12.226
Par Amount	136,030,000.00
Bond Proceeds	142,879,773.85
Total Interest	117,406,176.35
Net Interest	111,424,846.43
Total Debt Service	253,436,176.35
Maximum Annual Debt Service	15,785,763.70
Average Annual Debt Service	10,007,351.48
Underwriter's Fees (per \$1000)	
Average Takedown	5.529359
Other Fee	0.854850
Total Underwriter's Discount	6.384209
Bid Price	104.397067

Bond Component	Par Value	Price	Average Coupon	Average Life	Duration	PV of 1 bp change
Series A - Tax-Exempt Serial Bonds	58,095,000.00	111.791	4.510%	7.704	6.219	41,903.00
Series B - Build America Term Bond Maturing 2024	16,145,000.00	100.000	5.390%	13.891	9.933	16,629.35
Series B - Build America Term Bond Maturing 2034	61,790,000.00	100.000	6.458%	21.335	11.794	76,619.60
	136,030,000.00			14.630		135,151.95

	TIC	All-In TIC	Arbitrage Yield
Par Value	136,030,000.00	136,030,000.00	58,095,000.00
+ Accrued Interest			
+ Premium (Discount)	6,849,773.85	6,849,773.85	6,849,773.85
- Underwriter's Discount	-866,443.93	-866,443.93	
- Cost of Issuance Expense		-568,363.77	
- Other Amounts			
Target Value	142,011,329.92	141,442,966.15	64,944,773.85
Target Date	08/04/2009	08/04/2009	08/04/2009
Yield	3.780482%	3.818674%	2.758399%

EMERGENCY

City of Cincinnati

DWA *[Signature]*

An Ordinance No. 226 - 2009

AUTHORIZING the City Manager to apply for funding grants and loans awarded by Hamilton County from the Municipal Road Fund ("MRF") program and the Ohio Public Works Commission's ("OPWC") State Capital Improvement Program ("SCIP"), Local Transportation Improvement Program ("LTIP"), and Revolving Loan Program ("RLP"), for the purpose of ensuring the timely completion of various road construction projects throughout the City.

WHEREAS, the Department of Transportation and Engineering and the Greater Cincinnati Water Works intend to submit funding requests for MRF and OPWC funds to ensure timely completion various projects; and

WHEREAS, Anderson Township is interested in submitting an application for Ohio Public Works Commission funding for the improvement of Dyer Street and Glade Avenue, with Dyer being a township road having shared jurisdiction between Anderson Township and the City of Cincinnati; and

WHEREAS, said funding application for the Dyer Road improvements will require the accompaniment of an agreement between Anderson Township and the City specifying the manner in which the improvement project is to be jointly managed and costs shared; and

WHEREAS, the City of Saint Bernard is interested in submitting an application for Ohio Public Works Commission funding for the rehabilitation of one or more streets having shared jurisdiction between Saint Bernard and the City of Cincinnati; and

WHEREAS, said funding application for the rehabilitation of one or more streets having shared jurisdiction between Saint Bernard and the City of Cincinnati requires the accompaniment of an agreement between Saint Bernard and the City of Cincinnati specifying the manner in which the project is to be jointly managed and costs shared; and

WHEREAS, the acceptance of these grants will not require the addition of any FTEs; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is authorized to apply for funding grants and loans awarded by Hamilton County from the Municipal Road Fund ("MRF") program and the Ohio Public Works Commission's ("OPWC") State Capital Improvement Program ("SCIP"), Local Transportation Improvement Program ("LTIP"), and Revolving Loan Program ("RLP") for the

purpose of ensuring the timely completion of various road construction projects throughout the City.

Section 2. That the City Manager is hereby authorized to cooperate with Anderson Township to file a joint application for Round 24 Ohio Public Works Commission funding to improve Dyer Street and Glade Avenue, part of which includes a street having shared jurisdiction with the City of Cincinnati, and to enter into an agreement with Anderson Township specifying the terms and conditions for managing the project and sharing its costs should the project be approved for funding by the Ohio Public Works Commission.

Section 3. That the City Manager is hereby authorized to cooperate with the City of Saint Bernard to file a joint application for Round 24 Ohio Public Works Commission funding to rehabilitate one or more streets having shared jurisdiction with the City of Cincinnati, and to enter into an agreement with the City of Saint Bernard specifying the terms and conditions for managing the project and sharing its costs should the project be approved for funding by the Ohio Public Works Commission.

Section 4. That all proper City officials are authorized to comply with the terms of this ordinance.

Section 5. That this ordinance shall be an emergency measure necessary for the preservation of the public peace, health, safety and general welfare and shall, subject to the terms of Article II, Section 6 of the Charter, be effective immediately. The reason for the emergency is the immediate need to meet the MRF and OPWC application deadlines.

Passed: August 5, 2009

Attest: Melissa Anthony Clerk
I HEREBY CERTIFY THAT ORDINANCE NO. 226-2009
WAS PUBLISHED IN THE CITY BULLETIN
IN ACCORDANCE WITH THE CHARTER ON 8-18-09
Melissa Anthony
CLERK OF COUNCIL

ADDITIONAL SUPPORT INFORMATION

For Program Year 2010 (July 1, 2010 through June 30, 2011), applying agencies shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT? X YES NO (ANSWER REQUIRED)

Note: Answering “Yes” will not increase your score and answering “NO” will not decrease your score.

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.

These replacement water mains are in critical condition and must be replaced. See attached maintenance reports for further details of the structural integrity of the water mains and information regarding the failed joint material. These mains are primarily being replaced due to documented maintenance problems. The average age of the water mains being replaced is 62 years.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

Water main breaks and leaks can cause icy conditions during freezing weather and slippery conditions during warm weather. Water mains are under pressure and in some areas of our system; pressures can reach as high as 250 psi. Water pressure from water main leaks and breaks can cause road pavement to heave causing uneven driving conditions and even damage to vehicles due to accidents. The replacement water mains will improve the water flow in the water mains and help minimize the number of water main breaks and disruption to fire hydrant service. New fire hydrants installed on the new mains are more reliable. The newer fire hydrants are “break away” such that if someone were to hit the hydrant it would shear off at the base and offer the vehicle significantly less resistance than the older hydrants, thus saving lives. This project will replace many problem water mains with new mains having a new life cycle and added protection from corrosion which the older pipes did not have. This project will also provide improvement for the fire flows which protects residential, commercial and industrial customers in the event of fire.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applying agency must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The project is important to the health of the Water Works (GCWW customers. Leaks and breaks cause standing water. The public has become less tolerant to standing water since it provides additional mosquito breeding areas and the potential for West Nile Virus. Water quality is also improved when older lead jointed, unlined cast iron mains are replaced with new cement lined ductile iron pipe assuring the high quality water will continue to be provided. Unlined cast iron water mains corrode internally and “tuberculate”. Bacteria/biofilm builds up on the tuberculation. All water mains get a biofilm or bacteria buildup internally. However, tuberculation only occurs within the unlined cast iron water mains. With unlined cast iron pipe the biofilm secretes a chemical which causes tuberculation (rust nodules) to form. Tuberculation reacts with the chlorine in the water so there is less chlorine to kill the bacteria. This depletion of chlorine can cause an increase in bacteria growth. Some of these bacteria can impact human health. The new cement line water mains installed with our projects decrease the area where the bacteria can grow and allows the chlorine to do its job in the public water system thereby improving the quality of our water system.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The applying agency must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

- Priority 1 Countywide Water Main Improvements 2010 (Credit Enhancement)
- Priority 2 Erie Avenue Water Main Replacement Project (Loan)
- Priority 3 E. Mitchell Avenue Water Main Replacement Project (Loan)
- Priority 4 _____
- Priority 5 _____

5) To what extent will the user fee funded agency be participating in the funding of the project?

(example: rates for water or sewer, frontage assessments, etc.).

The Water Works has provided all of the funding for these projects through bond sales

6) **Economic Growth – How will the completed project enhance economic growth**

Give a statement of the projects effect on economic growth.

This project will have a positive effect on economic growth of the GCWW service area by providing additional, plentiful, high quality water. Newer water mains will be more reliable, causing fewer street repairs, maintaining higher quality of roadways with fewer delays due to water main issues. As we continue to upgrade and strengthen our water system, GCWW improves the ability to provide additional capacity to development throughout the City and the County. Our longtime goal has been to create and maintain a strong hydraulic grid such that all property has good pressures and flow to satisfy all reasonable fire and domestic water service demands

7) **Matching Funds - LOCAL**

The information regarding local matching funds is to be filed by the applying agency in Section 1.2 (b) of the Ohio Public Works Association’s “Application for Financial Assistance” form.

8) **Matching Funds - OTHER**

The information regarding local matching funds is to be filed by the applying agency in Section 1.2 (c) of the Ohio Public Works Association’s “Application for Financial Assistance” form. If MRF funds are being used for matching funds, the MRF application must have been filed by **Monday, August 31, 2009** for this project with the Hamilton County Engineer’s Office. List below all “other” funding the source(s).

No matching funds are needed

9) **Will the project alleviate serious capacity problems or respond to the future level of service needs of the district?**

Describe how the proposed project will alleviate serious capacity problems (be specific).

The project will meet future capacity demands. Most of the water main replacement projects are on residential streets that do not expect to experience big swings in growth. Because of the size of our water distribution system, these new water mains are designed for growth over a 20 year period. All of the 6”, 8” And 12” will be replaced with mostly 8” and 12” water mains (except in cul-de-sacs) thereby increasing water system capacity. The water capacity is approximately doubled with each pipe size increase.

Level of Service (LOS) calculations shall be for the improvements being made in the application. If this project is a phase of a larger project then any preceding phases shall be considered existing conditions for LOS calculations. Any future project phases shall not be considered as part of this applications LOS calculations.

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the current edition of the Highway Capacity Manual.

No Build

Current Year LOS ____

Design Year LOS ____

Proposed Geometry

Current Year LOS ____

Design Year LOS ____

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

Not applicable.

10) If SCIP/LTIP funds were granted, when would the construction contract be awarded?

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months _____

a.) Are preliminary plans or engineering completed? Yes _____ No _____ N/A _____

b.) Are detailed construction plans completed? Yes _____ No _____ N/A _____

c.) Are all utility coordination's completed? Yes _____ No _____ N/A _____

d.) Are all right-of-way and easements acquired (if applicable)? Yes _____ No _____ N/A _____

If no, how many parcels needed for project? _____ Of these, how many are: Takes _____

Temporary _____

Permanent _____

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

e.) Give an estimate of time needed to complete any item above not yet completed. _____ Months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project represents various vital water main projects located throughout Hamilton County. The project consists of distribution mains which serve our customers' water service branches as well as "dual service" water mains which have some customer water service branches but the main purpose of a "dual service" main is to move larger volumes of water quickly to the higher water demand areas. By eliminating the unlined cast iron pipe the occasions of rusty water and "taste and odor" issues are decreased because the tuberculated pipes are replaced with cement lined pipes. The internal cement lining prevents internal corrosion to the pipe. The outside of the new pipe is wrapped in a polywrap (plastic sheeting) which prevents external corrosion to the pipe. With the structural integrity of the new pipe protected both internally and externally, the pipe is less likely to corrode and have

maintenance issues to interrupt water service. Because the mains are new there is less chance of water main breaks and leaks. This new system improvement helps to maintain the roadways because water mains are not breaking, the pavement stays intact longer. Our mission statement at GCWW is to provide a plentiful and uninterrupted supply of high quality water and with projects such as this one, we are fulfilling our goal.

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction’s economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

Not applicable.

Will the ban be removed after the project is completed? Yes _____ No _____ N/A _____

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a Professional Engineer (signed and sealed).

Traffic: ADT _____ X 1.20 = _____ Users

Water/Sewer: Homes _____ X 4.00 = **over 17,650** Users

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply) Bonds are not eligible for points in this category.

Optional \$5.00 License Tax X

Infrastructure Levy X Specify type Infrastructure tax (a portion of the earnings tax)

Facility Users Fee X Specify type Service charge for water supply

Dedicated Tax _____ Specify type _____

Other Fee, Levy or Tax _____ Specify type _____

SCIP/LTIP PROGRAM
ROUND 24 - PROGRAM YEAR 2010
PROJECT SELECTION CRITERIA
JULY 1, 2010 TO JUNE 30, 2011

NAME OF APPLICANT: BREATHA CINCINNATI WATER WORKS
NAME OF PROJECT: COUNTY WIDEN WATER MAIN
RATING TEAM: 4

General Statement for Rating Criteria

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applying agency, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

CIRCLE THE APPROPRIATE RATING

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

25 - Failed	Appeal Score _____
23 - Critical	
20 - Very Poor	
17 - Poor	
15 - Moderately Poor	
10 - Moderately Fair	
5 - Fair Condition	
0 - Good or Better	

Criterion 1 - Condition

Condition of the particular infrastructure to be repaired, reconstructed or replaced shall be a measure of the degree of reduction in condition from its original state. Historic pavement management data based on ASTM D6433-99 rating system may be submitted as documentation. Capacity, serviceability, safety and health shall not be considered in this criterion. Any documentation the Applicant wishes to be considered must be included in the application package.

Definitions:

Failed Condition - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system.

Critical Condition - requires partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system.

Very Poor Condition - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or replacement of pipe sections.

Poor Condition - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs.

Moderately Poor Condition - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair.

Moderately Fair Condition - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

Fair Condition - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

Good or Better Condition - little to no maintenance required to maintain integrity.

Note: If the infrastructure is in "good" or better condition, it will **NOT** be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

25 - Highly significant importance

20 - Considerably significant importance

15 - Moderate importance

10 - Minimal importance

5 - Poorly documented importance

0 - No measurable impact

Appeal Score

Criterion 2 – Safety

The applying agency shall include in its application the type of deficiency that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? In all cases, specific documentation is required. Mentioned problems, which are poorly documented, generally will not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

25 - Highly significant importance

20 - Considerably significant importance

15 - Moderate importance

10 - Minimal importance

5 - Poorly documented importance

0 - No measurable impact

Appeal Score

Criterion 3 – Health

The applying agency shall include in its application the type, frequency, and severity of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? In all cases, quantified documentation is required. Mentioned problems, which are poorly documented, generally will not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

4) Does the project help meet the infrastructure repair and replacement needs of the applying agency?

Note: Applying agency’s priority listing (part of the Additional Support Information) must be filed with application(s).

25 - First priority project

20 - Second priority project

15 -Third priority project

10 - Fourth priority project

5 - Fifth priority project or lower

Appeal Score

Criterion 4 – Jurisdiction’s Priority Listing

The applying agency must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

5) To what extent will a user fee funded agency be participating in the funding of the project?

10 – Less than 10%

9 – 10% to 19.99%

8 – 20% to 29.99%

7 – 30% to 39.99%

6 – 40% to 49.99%

5 – 50% to 59.99%

4 – 60% to 69.99%

3 – 70% to 79.99%

2 – 80% to 89.99%

1 – 90% to 95%

⑩ – Above 95%

Appeal Score

Criterion 5 – User Fee-funded Agency Participation

To what extent will a user fee funded agency be participating in the funding of the project? (Example: rates for water or sewer, frontage assessments, etc.). The applying agency must submit documentation.

6) Economic Growth – How the completed project will enhance economic growth (See definitions).

10 – The project will directly secure new employment

5 – The project will permit more development

~~10~~ – The project will not impact development

Appeal Score

Criterion 6 – Economic Growth

Will the completed project enhance economic growth and/or development?

Definitions:

Secure new employment: The project as designed will secure development/employers, which will immediately add new permanent employees. The applying agency must submit details.

Permit more development: The project as designed will permit additional business development/employment. The applying agency must supply details.

The project will not impact development: The project will have no impact on business development.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply.

7) Matching Funds - LOCAL

⑩- This project is a loan or credit enhancement

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

0 – Less than 10%

List total percentage of “Local” funds _____ %

Criterion 7 – Matching Funds – Local

The percentage of matching funds which come directly from the budget of the applying agency. Ten points shall be awarded if a loan request is at least 50% of the total project cost. (If the applying agency is not a user fee funded agency, any funds to be provided by a user fee generating agency will be considered "Matching Funds – Other”).

8) Matching Funds – OTHER List total percentage of “Other” funds 0 %

	List below each funding source and percentage
10 – 50% or higher	_____ %
8 – 40% to 49.99%	_____ %
6 – 30% to 39.99%	_____ %
4 – 20% to 29.99%	_____ %
2 – 10% to 19.99%	_____ %
1 – 1% to 9.99%	_____ %
0 – Less than 1%	_____ %

Criterion 8 – Matching Funds - Other

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7. A letter from the outside funding agency stating their financial participation in the project and the amount of funding is required to receive points. For MRF, a copy of the current application form filed with the Hamilton County Engineer’s Office meets the requirement.

9) Will the project alleviate serious capacity problems or hazards or respond to the future level of service needs of the district?

10 - Project design is for future demand.	Appeal Score
8 - Project design is for partial future demand.	
6 - Project design is for current demand.	
4 - Project design is for minimal increase in capacity.	_____
0 - Project design is for no increase in capacity.	

Criterion 9 – Alleviate Capacity Problems

The applying agency shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis must accompany the application to receive more than 4 points. Projected traffic or demand should be calculated as follows:

Formula:

Existing volume x design year factor = projected volume

Design Year	Design year factor		
	Urban	Suburban	Rural
20	1.40	1.70	1.60
10	1.20	1.35	1.30

Definitions:

Future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Partial future demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

Current demand – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

Minimal increase – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

No increase – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

- 10) Readiness to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded?
- 5

3

0

- Will be under contract by December 31, 2010 and no delinquent projects in Rounds 21 & 22

- Will be under contract by March 31, 2011 and/or one delinquent project in Rounds 21 & 22

- Will not be under contract by March 31, 2011 and/or more than one delinquent project in Rounds 21 & 22

Did Not Say

?

Criterion 10 – Readiness to Proceed

The Support Staff will assign points based on engineering experience and status of design plans. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. An applying agency receiving approval for a project and subsequently canceling the same after the bid date on the application will receive zero (0) points under this round and the following round.

- 11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc.

10 – Major Impact

8 – Significant Impact

6 – Moderate Impact

4 – Minor Impact

2 – Minimal or No Impact

Appeal Score

Criterion 11 - Regional Impact

The regional significance of the infrastructure that is being repaired or replaced.

Definitions:

Major Impact – Roads: Major Arterial: A direct connector to an Interstate Highway; Arterials are intended to provide a greater degree of mobility rather than land access. Arterials generally convey large traffic volumes for distances greater than one mile. A major arterial is a highway that is of regional importance and is intended to serve beyond the county. It may connect urban centers with one another and/or with outlying communities and employment or shopping centers. A major arterial is intended primarily to serve through traffic.

Significant Impact – Roads: Minor Arterial: A roadway, also serving through traffic, that is similar in function to a major arterial, but operates with lower traffic volumes, serves trips of shorter distances (but still greater than one mile), and may provide a higher degree of property access than do major arterials.

Moderate Impact – Roads: Major Collector: A roadway that provides for traffic movement between local roads/streets and arterials or community-wide activity centers and carries moderate traffic volumes over moderate distances (generally less than one mile). Major collectors may also provide direct access to abutting properties, such as regional shopping centers, large industrial parks, major subdivisions and community-wide recreational facilities, but typically not individual residences. Most major collectors are also county roads and are therefore through streets.

Minor Impact – Roads: Minor Collector: A roadway similar in functions to a major collector but which carries lower traffic volumes over shorter distances and has a higher degree of property access. Minor collectors may serve as main circulation streets within large, residential neighborhoods. Most minor collectors are also township roads and streets and may, or may not, be through streets.

Minimal or No Impact - Roads: Local: A roadway that is primarily intended to provide access to abutting properties. It tends to accommodate lower traffic volumes, serves short trips (generally within neighborhoods), and provides connections preferably only to collector streets rather than arterials.

12)

What is the overall economic health of the jurisdiction?

10 Points

8 Points

6 Points

4 Points

2 Points

?

Most of work done currently

Criterion 12 – Economic Health
The District 2 Integrating Committee predetermines the applying agency’s economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13)

Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

- 10 - Complete ban, facility closed

8 – 80% reduction in legal load or 4-wheeled vehicles only

7 – Moratorium on future development, *not* functioning for current demand

6 – 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 – 40% reduction in legal load

2 – 20% reduction in legal load

0- Less than 20% reduction in legal load
- Appeal Score

Criterion 13 - Ban
The applying agency shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

14)

What is the total number of existing daily users that will benefit as a result of the proposed project?

- 10 - 30,000 or more

8 - 21,000 to 29,999

6- 12,000 to 20,999

4 - 3,000 to 11,999

2 - 2,999 and under
- Appeal Score

Criterion 14 - Users
The applying agency shall provide documentation. A registered Professional Engineer must certify (sign and seal) the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

15)

Has the applying agency enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? *(Provide documentation of which fees have been enacted.)*

- 5- Two or more of the above

3 - One of the above

0 - None of the above
- Appeal Score

Criterion 15 – Fees, Levies, Etc.
The applying agency shall document (in the “Additional Support Information” form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. Bonds are not eligible for points in this category.

2010 Water Main projects with high maintenance history to be constructed after July 1, 2010

PROJECT NUMBER	MAP NUMBER	PROJECT NAME	STREET	FROM	TO	ESTIMATED CONSTRUCTION COST (\$1,000's)	YEAR BUILT	EX. SIZE	PROP. SIZE	LENGTH	REASON FOR PROJECT	NO. OF USERS
1		Belclare/Davis/Harrison Ave.										5,000
	1A		Belclare Rd.	Harrison	N. Terminus	\$365,000	1955	8"	8"	2000	Maintenance	
	1B		Davis Ct.	Belclare	E. Terminus	\$75,000	1955	6"	8"	500	Maintenance	
	1C		Harrison Ave.	1200 ft S of Green Twp driveway	575ft. N of Green Twp driveway	\$266,000	1926	8"	12"	1775	System Upgrade	
2		Belfast/Belkay LN & DR/Antrim/Dunalk/ Eldora/ Glenburney/ Killarney/Tralee/ Trebor										2,200
	2A		Belfast Ave.	Mantell	W Terminus	\$300,000	1956	6"	8"	2400	Maintenance	
	2B		Belkay Dr.	Belkay Ln	W. Terminus	\$42,000	1955	6"	8"	333	Maintenance	
	2C		Belkay Ln.	Ridge	N. Terminus	\$91,000	1955	6"	8"	725	Maintenance	
	2D		Antrim Ct.	Belfast	N & S Terminuses	\$104,000	1952	6"	6"	820	Maintenance	
	2E		Dundalk Ct.	Trebor	S. Terminus	\$35,000	1955	6"	6"	270	System Upgrade	
	2F		Eldora Ave.	Belfast	S. Terminus	\$65,000	1956	6"	6"	500	System Upgrade	
	2G		Glennburney Ct.	Belfast	S. Terminus	\$45,000	1956	6"	6"	350	System Upgrade	
	2H		Killarney Ct.	Belfast	N. Terminus	\$55,000	1953	6"	6"	440	System Upgrade	
	2I		Tralee Ct.	Trebor	Mantell	\$88,000	1955	6"	8"	700	Maintenance	
	2J		Trebor Dr.	Blossom	W. Terminus	\$200,000	1955	6"	8"	1600	Maintenance	
3		Bryn Mawr/ MayJo Parkview/Somerset/Twinridge/ Warder										750
	3A		Bryn Mawr Dr.	Northern Blvd	N. Terminus	\$140,000	1940	6"	8"	925	Maintenance	
	3B		MayJo Ct.	Twinridge	N. Terminus	\$38,000	1954	6"	6"	250	System Upgrade	
	3C		Parkview Dr.	Northern Blvd	N. Terminus	\$135,000	1940	6"	8"	900	Maintenance	
	3D		Somerset Dr.	Northern Blvd	N. Terminus	\$131,000	1940	6"	8"	870	Maintenance	
	3E		Twinridge Ln	North Bend Rd.	S. Terminus	\$140,000	1954	6"	8"	930	Maintenance	
	3F		Warder Dr.	Northern Blvd	N. Terminus	\$131,000	1936	6"	8"	875	Maintenance	
4		Burley/Bachman/Brompton/ Andover/ Cromwell										1,750
	4A		Burley Cir.	Andover	Cromwell	\$382,000	1936	12"/8"	8"	3050	Maintenance	
	4B		Bachman St.	Burley	Burley	\$103,000	1936	8"	8"	825	Maintenance	
	4C		Brompton Ln	Burley	S. Terminus	\$108,000	1936	6"	8"	860	Maintenance	
	4D		Andover Rd.	Burley	Winton	\$151,000	1936	8"	8"	1210	Maintenance	
	4E		Cromwell Rd.	Andover	Damon	\$108,000	1937	12"	12"	721	Maintenance	
5		California Golf Course										3,000
	5A		California Golf Course	Kellogg	Brownfield	\$470,000	1925	N/A	12"	2390	Maintenance	
	5B		California Golf Course	Brownfield	Twinhills Ridge	\$310,000	1925	12"	12"	1588	Maintenance	

6	Ebenezer/Oakhaven/ Beecherfalls/ Werk/Woodcrest										1,750
6A		Ebenezer Rd.	Werk	Oakhaven	\$197,000	1955	8"	8"	1570	Maintenance	
6B		Oakhaven Dr.	Ebenezer	S. Terminus	\$157,000	1965	6"	8"	1250	Maintenance	
6C		Beecherfalls Ct.	Oakhaven	S. Terminus	\$38,000	1965	6"	6"	300	Maintenance	
6D		Werk Rd.	Ebenezer	1030' E of Devils Backbone	\$546,000	1933	8"	12"	3900	Maintenance	
6E		Woodcrest Dr.	Devils Backbone	W. Terminus	\$157,000	1959	6"	8"	1255	Maintenance	
7	Eyrich/Devon/Weston										750
7A		Eyrich Rd.	Bridgetown	Lawrence	\$445,000	1950	6"	8"	3560	Maintenance	
7B		Devon Ct.	Eyrich	E. Terminus	\$50,000	1951	6"	6"	400	Maintenance	
7C		Weston Ct.	Eyrich	E. Terminus	\$50,000	1951	6"	6"	400	System Upgrade	
8	Raeburn										500
8A		Raeburn Terr	Colerain	Raeburn	\$160,000	1946	6"	8"	1128	Maintenance	
8B		Raeburn Dr.	210' SW. of Raeburn Terr	147' E of S. Raeburn	\$181,000	1946	6"	8"	1291	Maintenance	
8C		N.Raeburn Dr.	Raeburn Dr.	N. Terminus	\$61,000	1952	6"	8"	430	Maintenance	
8D		S. Raeburn Dr.	Raeburn Dr.	S. Terminus	\$125,000	1957	6"	8"	890	Maintenance	
8E		Raeburn Ln	Raeburn Dr.	Colerain	\$96,000	1935	6"	8"	685	Maintenance	
9	Towanda/Cheyenne/Elm Park/Elm View/Towne										1,500
9A		Towanda Terr.	Paddock	W. Terminus	\$195,000	1939	6"	8"	1490	Maintenance	
9B		Cheyenne Dr.	Towanda	W. Terminus	\$175,000	1930	6"	8"	1316	Maintenance	
9C		Elm Park Dr.	Paddock	W. Terminus	\$182,000	1930	6"	8"	1396	Maintenance	
9D		Elm View Pl	Elm Park	Towanda	\$71,000	1939	6"	8"	545 Branch	Maintenance	
9E		Towne St.	Paddock	Fishwick	\$150,000	1925	6"	N/A	Transfer	Maintenance	
10	Tuxworth/Clevesdale/Hillfred/ Embrett/Admiral										450
10A		Tuxworth Ave.	Clevesdale	185' E. of Hillfred	\$237,000	1953	6"	8"	1633	Maintenance	
10B		Clevesdale Dr.	Tuxworth	Hillfred	\$197,000	1955	6"	8"	1358	Maintenance	
10C		Hillfred Ct.	Clevesdale	Tuxworth	\$89,000	1955	6"	8"	610	Maintenance	
10D		Embrett Ct.	Hillfred	W. Terminus	\$66,000	1956	6"	6"	450	Maintenance	
10E		Admiral Ct.	Tuxworth	S. Terminus	\$37,000	1955	6"	6"	250	Maintenance	

See attached map for project locations

Definitions:
1.) Maintenance- Replaced due to leaks in pipe joints or breaks in pipe.
2.) System Upgrade - Usually leaded pipe jointing with minimal cover
6" & 8" pipe being replaced with 8" or 12" pipe.

Average Year Installed 1947
Average Age of Pipe (Years) 62
Total Users: 17,650

Total Cost: \$7,740,000
Interest Rate = 5.9%
Bond Interest One Year= \$456,660.00
Interest Payment for 18 months= \$684,990.00

Rebecca K Calder
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Senior Engineer
City of Cincinnati
Greater Cincinnati Water Works

